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PTO/SB/21 (09-04) (AW 10/2004)

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/727,939
	Filing Date	December 3, 2003
	First Named Inventor	Wen-Bin Yan
	Art Unit	2878
	Examiner Name	
Total Number of Pages in This Submission 18	Attorney Docket No.	TGR-106US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return Postcard International Search Report 2 Non-Patent References
Remarks:		

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT			
Firm Name	RatnerPrestia		
Signature			
Printed Name	Jacques L. Etkowicz		
Date	April 13, 2005	Registration No.	41,738

CERTIFICATE OF TRANSMISSION / MAILING				
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:				
Signature			Date	April 13, 2005
Typed or Printed Name	Kathleen P. Carney			

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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O.I.P.E.T.GR-106US

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/727,939  
Applicant: Wen-Bin Yan  
Filed: December 3, 2003  
Title: APPARATUS AND METHOD FOR IMPROVED ANALYSIS OF LIQUIDS BY  
CONTINUOUS WAVE-CAVITY RING DOWN SPECTROSCOPY  
TC/A.U.: 2878  
Examiner:

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the references listed on the 1449 form, other than U.S. patents, are enclosed.

Please note that reference HALLOCK, A. J. ET AL, Use of Broadband, Continuous-Wave Diode Lasers in Cavity Ring-Down Spectroscopy for Liquid Samples, January 10, 2003, Applied Spectroscopy, Vol. 57, No. 5, 2003, pages 571-573 was cited in an Information Disclosure Statement filed on March 12, 2004.

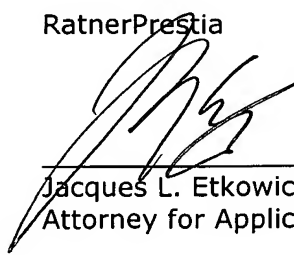
Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

This Information Disclosure Statement is being filed before mailing of the first Official Action. No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,

RatnerPrestia

  
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Jacques L. Etkowicz, Reg. No. 41,738  
Attorney for Applicant

JLE/kpc

Enclosures: PTO Form 1449  
(2) References  
International Search Report  
Transmittal Form

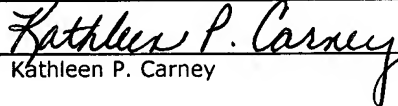
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Kathleen P. Carney

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Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT***(Use as many sheets as necessary)***Complete if Known**

Application Number	10/727,939
Filing Date	December 3, 2003
First Named Inventor	Wen-Bin Yan
Art Unit	2878
Examiner Name	
Attorney Docket No.	TGR-106US

**SHEET 2 of 2****NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		SYNDER ET AL., Cavity Ring-Down Spectroscopy as a Detector for Liquid Chromatography, Analytical Chemistry, Vol. 75, No. 13, July 1, 2003, pps. 3086-3091	<input type="checkbox"/>
		XU ET AL., Cavity ring-down spectroscopy in the liquid phase, Review of Scientific Instruments, Vol. 73, No. 2, Part 1, February 2002, pps. 255-258	<input type="checkbox"/>
		International Search Report for PCT International Application No. PCT/US2004/040079, mailed March 14, 2005	<input type="checkbox"/>
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Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

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